

Hodyon to Demonstrate Dynasys™ APU at the Military Vehicles Exhibition & Conference

Cedar Park, TX (July 6, 2012) Hodyon, developer and manufacturer of the Dynasys™ auxiliary power unit (APU), will exhibit its *Dynasys* APU at the Institute for Defense & Government Advancement's (IDGA) 4th Annual Military Vehicles Exhibition & Conference taking place July 10-13, 2012 at the Cobb Convention Center in Detroit, Michigan.

IDGA is a non-partisan information based organization dedicated to the promotion of innovative ideas in public service and defense and the Military Vehicles Exhibition & Conference is the largest stand-alone military vehicles event in the world. During the event, more than 2,500 vehicle professionals and top military experts will have the opportunity to learn about the adaptability of Hodyon's class 8 vehicle-mounted *Dynasys* APU for military vehicles. It will be the only idle-reduction equipment shown at MVEC, and was also demonstrated last September at the US Marine Corps Experimental Forward Operating Base (ExFOB) 2011 program.

"Defense budgets are almost certain to decline over the next decade creating shifting priorities within the DoD's military vehicle programs," David Hancock, CEO, Hodyon. "By supplying power to the vehicle systems while the main engine is not running, *Dynasys* improves fuel consumption and reduces vehicle emissions. It can also provide troops with clean, reliable electrical power we believe can enhance the Army's "silent watch" capabilities."

The *Dynasys* APU contains a small diesel engine that mounts directly to one of a vehicle's rails. It has its own cooling system (separate from the vehicle), heating system, 6kW AC generator, HVAC system and DC alternator system without inverter. The APU engine size is a fraction of the main engine's displacement so it uses far less fuel. Using the *Dynasys* APU to power auxiliary loads in place of the larger vehicle engine produces fuel savings and supports extended driving ranges.

Additionally, a planned future version of the *Dynasys* APU can incorporate Fallbrook Technology's NuVinci® continuously variable planetary (CVP) transmission to match engine speed to load for more efficient fuel consumption, while maintaining high power quality without the use of inverters.

In September 2011, Hodyon was one of only two diesel power generation companies invited to demonstrate its technology at the ExFOB 2011 program at Twenty-nine Palms Marine Corps Base, California. ExFOB brings - directly to the warfighter - "mature" off-the-shelf technologies that are in production and can be quickly deployed.

This March, Hodyon was invited to demonstrate its *Dynasys* APU before the US Army's Tank-Automotive Research, Development and Engineering Command. The Army is researching how to potentially include *Dynasys* on its many non-tactical vehicles.

Hodyon has received support from Representative John R. Carter, U.S. Congressman for the 31st District in Texas, who sent a letter of support for Hodyon to the Honorable John McHugh, Secretary of the Army after Hodyon applied for Army funding through the Army

Rapid Innovation Fund to modify its existing *Dynasys* APU product line to meet Joint Urgent Operational Needs (JUON) challenge areas.

About Hodyon

Hodyon, a wholly owned subsidiary of Fallbrook Technologies Inc., is a manufacturer and distributor of energy-efficient products and systems that are made to reduce the magnitude of climate change. Located in Cedar Park, Texas, with 48 employees, Hodyon is ISO 9001:2008 certified and the 76th fastest growing, privately-held manufacturer in the United States in 2009, according to Inc. Magazine.

Auxiliary power units (APUs) are used on heavy trucks to provide power for heating and air conditioning, lighting and electrical devices in circumstances where the diesel engine must be turned off. The *Dynasys* APU, which is designed to be easy to install and maintain, offers significant fuel savings and enables driver compliance with non-idling laws. The *Dynasys* APU also offers 6kw of power and is available with shore power. Shore power allows the HVAC to be plugged into any 110-volt outlet, and to work independently from the APU engine for optimum performance and fuel savings, with minimal noise.

Hodyon's diesel-electric *Dynasys* APU system provides dependable comfort for the driver during down times, reduces emissions and lowers fuel costs during stops (vs. idling of the main engine). Hodyon's current APU embodies a design it considers superior and the company provides field support, customer service and product fleet trial programs viewed by customers as significantly better than the competition. For more information, visit: www.hodyon.com

About Fallbrook

Fallbrook's NuVinci® continuously variable planetary (CVP) technology improves the performance and efficiency of machines that use a transmission, including bicycles, electric vehicles, automobiles, agricultural equipment, wind turbines and others. The *NuVinci* technology offers companies the flexibility to design and produce next-generation products that are better tailored to their unique business, market and competitive requirements. Fallbrook has built an extensive portfolio of over 500 patents and patent applications worldwide. The company intends to continue its research and development activities to enhance the performance and capabilities of *NuVinci* technology. For more information, visit: www.fallbrooktech.com

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